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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1154 A1552VC RS20525 WP 001884047.1   MPQPCTNTRSCPCPLTCQYNAMVTVSPSISIFIHSANWQDEAHYPDSWLAMLTHWLRKTTAPLLTPECHLCRLALDTNS.   79
NTDB id 1398 DSB67 RS00645 WP 029388870.1     ..................................................MLSHQWQNIMHRVLSSQCGLCRFPIPHRQ.   29
NTDB id 109 BSU 35450 NP 391425.2             ..................................................MSN...EAGGGIHKLICLLCDSQFSQDVT   26
NTDB id 278 KZH43 RS10085 WP 000649974.1      ...................................................................MKCLLCGQTMKTVLT   15
NTDB id 237 SPD RS10760 WP 000649974.1        ...................................................................MKCLLCGQTMKTVLT   15
NTDB id 203 SPR RS10245 WP 000649974.1        ...................................................................MKCLLCGQTMKTVLT   15
NTDB id 168 SP RS11270 WP 000649971.1         ...................................................................MKCLLCGQTMKTVLT   15
NTDB id 536 SMSK321 RS0102865 WP 000649958.1  ...................................................................MKCLLCGQTMKAVLT   15
NTDB id 508 SM12261 RS09235 WP 000649953.1    ...................................................................MKCLLCGQTMKAVLT   15
NTDB id 371511 FLP15 RS13165 WP 223804765.1   ..................................................................................   0
NTDB id 594 KW2 RS12255 WP 244878749.1        ..................................................................................   0
consensus                                                                                                          *********** ***
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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1154 A1552VC RS20525 WP 001884047.1   .........PFGVCSACQAWLEH..GYRCARCGLPTLT....PVDQCGQCLGQPPPWRKL.........MCVGDYRFP   133
NTDB id 1398 DSB67 RS00645 WP 029388870.1     .......TPNLMRWCDSCFDHLTP..IERCMRCGLKMTEEESQAATECGECLKEPPPWRRL.........YTLGDYDFP   90
NTDB id 109 BSU 35450 NP 391425.2             WRALFLLKPD.EKVCYSCRSKLKKITGHICPLCGRPQSV.....HAVCRDCE....VWRTRIRDSLLLRQNRSVYTYNDM   96
NTDB id 278 KZH43 RS10085 WP 000649974.1      FSSLLLLRNDDSCLCSDCDSTFERIGEENCPNCMKTE.L.....STKCQDCQ....LWCKEGV....GVSHRAIFTYNQA   81
NTDB id 237 SPD RS10760 WP 000649974.1        FSSLLLLRNDDSCLCSDCDSTFERIGEENCPNCMKTE.L.....STKCQDCQ....LWCKEGV....GVSHRAIFTYNQA   81
NTDB id 203 SPR RS10245 WP 000649974.1        FSSLLLLRNDDSCLCSDCDSTFERIGEENCPNCMKTE.L.....STKCQDCQ....LWCKEGV....GVSHRAIFTYNQA   81
NTDB id 168 SP RS11270 WP 000649971.1         FSSLLLLRNDDSCLCSDCDSTFERIGEENCPNCMKTE.L.....STKCQDCQ....LWCKEGV....EVSHRAIFTYNQA   81
NTDB id 536 SMSK321 RS0102865 WP 000649958.1  FSSLLLLRNDVSCLCLDCDSTFERIGEENCPNCMKTA.L.....STQCQDCQ....FWCKEGV....EVSHRAIFIYNQA   81
NTDB id 508 SM12261 RS09235 WP 000649953.1    FSSLLLLKNDASCLCLDCDSTFERIGEENCPNCMKTD.L.....SMKCQDCQ....LWCKEGV....EVSHRAIFIYNQA   81
NTDB id 371511 FLP15 RS13165 WP 223804765.1   ..................................................................................   0
NTDB id 594 KW2 RS12255 WP 244878749.1        ..................................................................................   0
consensus                                     ********** **** ********************  *      ** *****    *******     ******* ****
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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1154 A1552VC RS20525 WP 001884047.1   LSDAVHQLKYQRQFWQAPRLAKLLATQIN....EPAPLLCSVPLHWRRRWQRGFNQSDLLARELANMLNVEYDHQLFARR   209
NTDB id 1398 DSB67 RS00645 WP 029388870.1     LSQQVQRFKDHGEVWHVGALTQLLAERVE....QPAPVITSVPVHWQRLLKRGFNQSHILAKHLAHHLDVRYENKVFKRV   166
NTDB id 109 BSU 35450 NP 391425.2             MKETLSRFKFRGDAEIINAFKSDFSSTFSKVYPDKHFVLVPIPLSKEREEERGFNQAHLLAECLD....RPSHHPLIRLN   172
NTDB id 278 KZH43 RS10085 WP 000649974.1      MKDFFSRYKFDGDFLLRKVFASFLSEELK.K..YKEYQFVVIPLSPDRYANRGFNQVEGLVEAAG....FEYLDLLEKRE   154
NTDB id 237 SPD RS10760 WP 000649974.1        MKDFFSRYKFDGDFLLRKVFASFLSEELK.K..YKEYQFVVIPLSPDRYANRGFNQVEGLVEAAG....FEYLDLLEKRE   154
NTDB id 203 SPR RS10245 WP 000649974.1        MKDFFSRYKFDGDFLLRKVFASFLSEELK.K..YKEYQFVVIPLSPDRYANRGFNQVEGLVEAAG....FEYLDLLEKRE   154
NTDB id 168 SP RS11270 WP 000649971.1         MKDFFSRYKFDGDFLLRKVFASFLSEELK.K..YKEYQFVVIPLSPDRYANRGFNQVEGLVEAAG....FEYLDLLEKRE   154
NTDB id 536 SMSK321 RS0102865 WP 000649958.1  MKDFFSRYKFDGDFLLRKVFASVLSEELK.K..YKEYQFVVIPLSPERLLERGFNQVEGLVEAAG....FSFQELLEKRE   154
NTDB id 508 SM12261 RS09235 WP 000649953.1    MKDFFSRYKFDGDFLLRKVFASVLSEELK.K..YKEYQFVVIPLSPERLLERGFNQVEGLVEAAG....FAYLDLLEKRE   154
NTDB id 371511 FLP15 RS13165 WP 223804765.1   ..................................................................................   0
NTDB id 594 KW2 RS12255 WP 244878749.1        MKDYFSLYKFMGDYRLHEVFDSYFKNLSK......KIPLVPIPVSPKRLQERGFNQVTAFLKD......RTYLDLLEKED   68
consensus                                     ********************** ****** *  ***************   ***************     * *********
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logo
                                                  RATPHQQGLSKAQRIHNLRDAFVLNHPPNQPHVAIVDDVVTTGSTIRHLCDL.LLDVGVQSIDIYCICRTPEPKDSHG   286
NTDB id 1154 A1552VC RS20525 WP 001884047.1
                                                  KNVQSQRGNKKASREQNLQGAFALRGEVDFSHVAIVDDVVTTGSTVRQLCHL.LLEVGVESIDIYCICRTPAPGSL..   241
NTDB id 1398 DSB67 RS00645 WP 029388870.1
                                                  ..NEKQSKKKKTERLLSECIFDTKNNSAEGMNIILIDDLYTTGATLHFAARCLLEKGKAASVSSFTLIRS........   240
NTDB id 109 BSU 35450 NP 391425.2
                                                  ..ERASSSKNRSERLGTELPFFIKSGVTIPKKILLIDDIYTTGATINRVKKL.LEEAGAKDVKTFSLVR.........   220
NTDB id 278 KZH43 RS10085 WP 000649974.1
                                                  ..ERASSSKNRSERLGTELPFFIKSGVTIPKKILLIDDIYTTGATINRVKKL.LEEAGAKDVKTFSLVR.........   220
NTDB id 237 SPD RS10760 WP 000649974.1
                                                  ..ERASSSKNRSERLGTELPFFIKSGVTIPKKILLIDDIYTTGATINRVKKL.LEEAGAKDVKTFSLVR.........   220
NTDB id 203 SPR RS10245 WP 000649974.1
                                                  ..ERASSSKNRSERLGTELPFFIKSGVTIPKKILLIDDIYTTGATINRVKKL.LEEAGAKDVKTFSLVR.........   220
NTDB id 168 SP RS11270 WP 000649971.1
                                                  ..ERASSSKNRSERLGTELPFFIKRGVTIPKKILLIDDIYTTGSTINRVKKL.LEEAGAEDVKTFSLVR.........   220
NTDB id 536 SMSK321 RS0102865 WP 000649958.1
                                                  ..ERASSSKSRSERLETEFPFFIKSGVTIPKKILLIDDIYTTGTTINRVKKL.LEEAGAEDVKTFSLVR.........   220
NTDB id 508 SM12261 RS09235 WP 000649953.1
                                                  ........................................MYTTGATLQHATHL.LKDSGVREIKTFSLCR.........    30
NTDB id 371511 FLP15 RS13165 WP 223804765.1
                                                  ..TVRQSSLNREGRLSTTNPFKLKEGEKIPQKIILIDDIYTTGTTFYHAIKT.LKKANPIEITTFSLCR.........   134
NTDB id 594 KW2 RS12255 WP 244878749.1
consensus                                           ************ ** ***** **************!!!*!******* !***** ********!
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X non conserved

X similar

X $\geq$ 50% conserved